

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Olli Piirainen

International Application No.

PCT/EP99/01618

International Filing Date

10 March 1999

Title

ESTIMATION OF DOPPLER SHIFT

COMPENSATION IN A MOBILE

COMMUNICATION SYSTEM

Box PCT Commissioner for Patents Washington, D. C. 20231

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. § 1.56, Applicant submits this statement. This submittal is made in accordance with 37 C.F.R. §§ 1.97 and 1.98 and § 609 of the Manual of Patent Examining Procedure. The patents, publications and other information herein are listed below and on the attached Form PTO-1449. Copies of the listed references are submitted herewith.

Foreign Patents

Patent No.	Country	<u>Date</u>
WO98/34357	PCT	August 6, 1998
0534399A2	Europe	March 31, 1993
EP0731587A2	Europe	September 11, 1996

Applicant hereby expressly reserves the right to swear behind the effective dates of any of the above patents and to question the relevance and materiality of the patents and publications listed

DOCKET NO. NOKI14-00006 **PATENT**

herein, in whole, in part, or in combination, subsequent to filing this information disclosure statement.

Respectfully submitted,

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. SERIAL NO. (REV. 7.80) PATENT AND TRADEMARK OFFICE NOKI14-00006 Not yet assigned LIST OF REFERENCES CITED BY APPLICANT APPLICANT (Use several sheets if necessary) Olli Piirainen FILING DATE **GROUP** Concurrently Herewith U. S. PATENT DOCUMENTS CLASS *EXAMINER DOCUMENT NUMBER DATE NAME **SUBCLASS** FILING DATE INITIAL (if appropriate) FOREIGN PATENT DOCUMENTS CLASS **SUBCLASS** DOCUMENT NUMBER DATE COUNTRY TRANSLATION YES NO W098/34357 08/06/98 PCT AA 0534399A2 03/31/93 Europe ΑB EP0731587A2 09/11/96 Europe AC OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED **EXAMINER**

*EXAMINER: Initial if reference considered. whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.